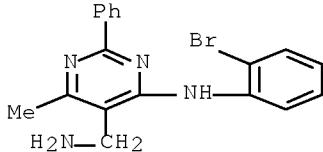


TITLE: Synthesis and antibacterial properties of pyrimidopyrimidines  
 AUTHOR(S): Cieplik, Jerzy; Pluta, Janusz; Gubrynowicz, Olaf  
 CORPORATE SOURCE: Department of Organic Chemistry, Medical Academy, Wroclaw, 50-137, Pol.  
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 AB The paper presents the synthesis of newly prepared derivs. of 6-methyl-2-phenyl-4-phenylamino-5-aminomethylpyrimidine and 5-methyl-1,7-diphenyl-1,2,3,4-tetrahydropyrimido[4,5-d]pyrimidine and also the results of microbiol. studies. Pyrimidopyrimidine derivs. prepared show a certain analogy in their chemical structure to quinolone structures and also- as might have been expected - they inhibit to a large extent the growth of bacterial strains, in some cases better than some antibiotics and sulfonamides used at present.  
 IT 515167-37-0P  
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)  
 (synthesis and antibacterial properties of pyrimidopyrimidines)  
 RN 515167-37-0 HCPLUS  
 CN 5-Pyrimidinemethanamine, 4-[(2-bromophenyl)amino]-6-methyl-2-phenyl- (CA INDEX NAME)



CC 28-16 (Heterocyclic Compounds (More Than One Hetero Atom))  
 Section cross-reference(s): 1  
 IT 515167-37-0P 515167-39-2P 515167-41-6P  
 515167-43-8P 515167-45-0P 515167-47-2P  
 515167-49-4P 515167-51-8P 515167-53-0P 515167-55-2P  
 515167-57-4P 515167-59-6P 515167-61-0P 515167-63-2P  
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)  
 (synthesis and antibacterial properties of pyrimidopyrimidines)  
 IT 515167-31-4P 515167-33-6P 515167-35-8P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
 (synthesis and antibacterial properties of pyrimidopyrimidines)